

# RAPPORT SUR LE BRIEF PROJET

## RESUME DU PROJET

DATE DU RAPPORT	NOM DU PROJET	AUTEUR
03/12/2019	Brief Projet – Scenario II	Ecoteam

## ÉTAT RECAPITULATIF

Dans ce scenario le but est de pouvoir utiliser Github comme depo serveur et héberger son premier site web

## VUE D'ENSEMBLE DU PROJET

TACHE	NOTES
Tagging	Comprendre l'intérêt des tags
Stashing and Saving	Introduction au stashing
Local repo to Github repo	Pouvoir utiliser Github en tant que repo en ligne
Mini challenge	Comprendre l'intérêt et l'utilisation du cryptage données en https et ssh
Création d'une local copy	–
Sending the website	Comprendre le fonctionnement d'une arborescence de site web type
Fetch & Pull	Introduction au Fetch et au Pull

## HISTORIQUE DES RISQUES ET PROBLEMES

PROBLEME	NOTES
La lassitude	Alors qu'on enchaîne les steps une certaine lassitude du travail peut se monter et par la même occasion une baisse de production
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–	–

## CONCLUSIONS/RECOMMANDATIONS

Le stashing est une commande qui peut être inutile au premier abord mais s'avère vital quand notre git gagne en complexité

## VUE EN DETAIL DE L'ETAPE I – TAGGING

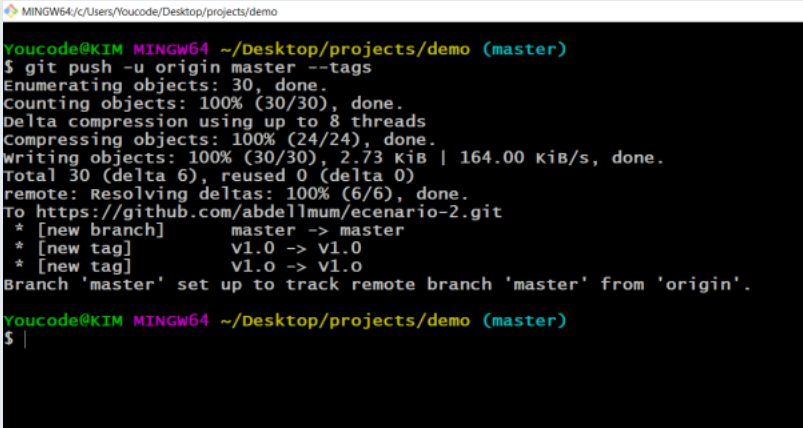
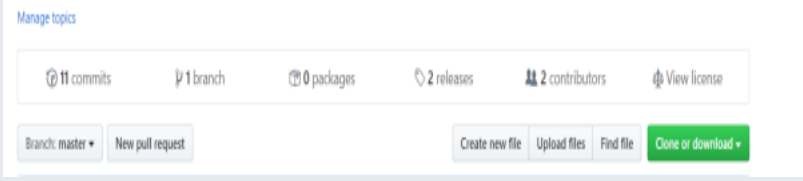
ITEM	DESCRIPTION
Création d'un tag	Pour notre premier release nous utilisons la commande 'git tag -a V1.0 -m "RELEASE 1.0"'
Afficher les informations sur le TAG	<pre>Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git status On branch master Untracked files:   (use "git add &lt;file&gt;..." to include in what will be committed)         .gitignore  nothing added to commit but untracked files present (use "git add" to track)  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git describe --tags v1.0  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git cat-file tag v1.0 object c79075adb6789f884d67a8d393e89a07240a5133 type commit tag v1.0 tagger abdelkarim nouaouri &lt;karimovich75@gmail.com&gt; 1574851502 +0100  RELEASE1.0  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$  </pre>

## VUE EN DETAIL DE L'ETAPE II – STASHING AND SAVING WORK IN PROGRESS

ITEM	DESCRIPTION
Explication du TAG	Git tag nous offre la possibilité étiqueter un certain état d'historique. Par exemple : Pouvoir étiqueter les état de publications ou release par 0.1 - 0.2 - 0.3 pour pouvoir se repérer plus tard.
Definition GIT Stash	Git stash est une commande de Git qui permet de mettre en backstage des modifications afin d'éviter d'effectuer un commit bâclé pour pouvoir changer de branche. Git stash va récupérer les modifications en cours et les enregistrer dans un conteneur qu'on appellera un stash.
Git stash list	<pre>Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git stash No local changes to save  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git stash liste fatal: unknown subcommand: liste  usage: git stash list [&lt;options&gt;] or: git stash show [&lt;options&gt;] [&lt;stash&gt;] or: git stash drop [-q --quiet] [&lt;stash&gt;] or: git stash ( pop   apply ) [--index] [-q --quiet] [&lt;stash&gt;] or: git stash branch &lt;branchname&gt; [&lt;stash&gt;] or: git stash clear or: git stash [push [-p --patch] [-k --[no-]keep-index] [-q --quiet]       [-u --include-untracked] [-a --all] [-m --message &lt;message&gt;]       [--] [&lt;pathspec&gt;...]] or: git stash save [-p --patch] [-k --[no-]keep-index] [-q --quiet]       [-u --include-untracked] [-a --all] [&lt;message&gt;]</pre>
Constatation	<pre>Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git status On branch master Untracked files:   (use "git add &lt;file&gt;..." to include in what will be committed)         .gitignore  nothing added to commit but untracked files present (use "git add" to track)  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master)</pre>

Git Stash Pop	<pre> Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git stash pop On branch master Changes not staged for commit:   (use "git add &lt;file&gt;..." to update what will be committed)   (use "git restore &lt;file&gt;..." to discard changes in working directory)         modified:   README.md  Untracked files:   (use "git add &lt;file&gt;..." to include in what will be committed)         .gitignore  no changes added to commit (use "git add" and/or "git commit -a") Dropped refs/stash@{0} (39ec2cd6294e855a08c708f8d729d1def51de34a)  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$   </pre>
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### VUE EN DETAIL DE L'ETAPE III – VOYAGE SUR GITHUB, LOCAL REPO TO GIHUB REPO

ITEM	DESCRIPTION
Examination du repo	<pre> Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git remote add origin https://github.com/abdellmum/ecenario  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git remote show origin * remote origin   Fetch URL: https://github.com/abdellmum/ecenario-2.git   Push URL: https://github.com/abdellmum/ecenario-2.git   HEAD branch: (unknown)  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$   </pre>
Le push demandé	 <pre> Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$ git push -u origin master --tags Enumerating objects: 30, done. Counting objects: 100% (30/30), done. Delta compression using up to 8 threads Compressing objects: 100% (24/24), done. Writing objects: 100% (30/30), 2.73 kiB   164.00 kiB/s, done. Total 30 (delta 6), reused 0 (delta 0) remote: Resolving deltas: 100% (6/6), done. To https://github.com/abdellmum/ecenario-2.git  * [new branch]      master -&gt; master  * [new tag]         v1.0 -&gt; v1.0  * [new tag]         v1.0 -&gt; v1.0 Branch 'master' set up to track remote branch 'master' from 'origin'.  Youcode@KIM MINGW64 ~/Desktop/projects/demo (master) \$   </pre>
Vérification sur Github	

### VUE EN DETAIL DE L'ETAPE IV – MINI CHALLENGE (OPTIONNEL)

ITEM	DESCRIPTION
Création d’une authentification sécurisé SSH	<pre> Youcode@KIM MINGW64 ~/Desktop/projects/demo/SSH (master) \$ ssh-keygen -t rsa -b 4096 -c karimovich75@gmail.com Generating public/private rsa key pair. Enter file in which to save the key (/c/Users/Youcode/.ssh/id_rsa):   </pre>

SSH keygen  
password reat

```
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Youcode/.ssh/id_rsa):
Created directory '/c/Users/Youcode/.ssh'.
Enter passphrase (empty for no passphrase): |
Enter same passphrase again:
Passphrases do not match. Try again.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match. Try again.
Enter passphrase (empty for no passphrase): |
Enter same passphrase again:
Passphrases do not match. Try again.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match. Try again.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match. Try again.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Youcode/.ssh/id_rsa.
Your public key has been saved in /c/Users/Youcode/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:XsNfhJLpsv+vwjKS1jduJ/ully9p0+uqxkgvynIlyu karimovich75@gmail.com
The key's randomart image is:
+---[RSA 4096]---+
  .o E.&|
  .o.= #+|
  =o.oBo+|
  o+.o==|
  S+-.+.*+|
  -.+++.o+|
  +.o+|
  .o o|
+---[SHA256]-----+

Youcode@KIM MINGW64 ~/Desktop/projects/demo/SSH (master)
$ |
```

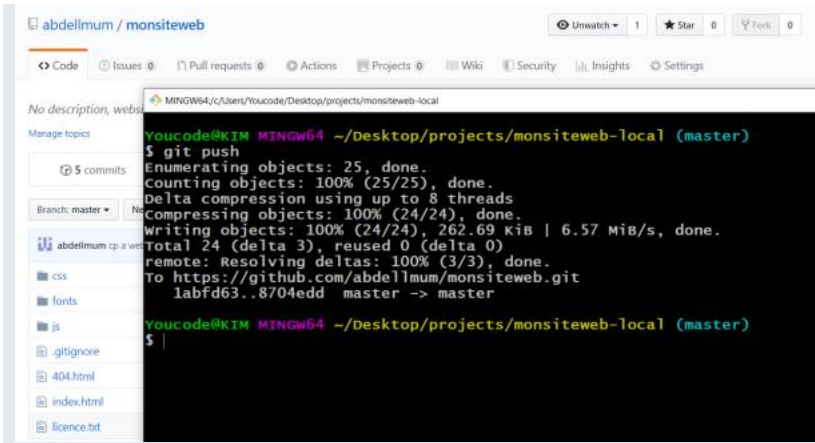
VUE EN DETAIL DE L'ETAPE V – CREATION D'UNE LOCAL COPY

ITEM	DESCRIPTION
Vérification si la local copy est créé	<div><div><div>Nom</div><div>demo</div><div>monsiteweb-local</div></div><div><pre>Youcode@KIM MINGW64 ~/Desktop/projects \$ git clone https://github.com/abdellmum/monsiteweb.git monsiteweb-local Cloning into 'monsiteweb-local'... remote: Enumerating objects: 11, done. remote: Counting objects: 100% (11/11), done. remote: Compressing objects: 100% (6/6), done. remote: Total 11 (delta 0), reused 0 (delta 0), pack-reused 0 Unpacking objects: 100% (11/11), done.  Youcode@KIM MINGW64 ~/Desktop/projects \$  </pre></div></div>

VUE EN DETAIL DE L'ETAPE VI – SENDING THE WEBSITE

ITEM	DESCRIPTION
Analyse de l'arborescence	L'arborescence du site comporte plusieurs dossiers dont le css, font, img, js ainsi qu'un index et page 404
Copier le site en local	<div><div><div>Nom</div><div>css</div><div>font</div><div>img</div><div>js</div><div>.gitignore</div><div>404</div><div>index</div><div>licence</div></div><div><pre>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master) \$ cp -R ~/desktop/initializr/* ~/Desktop/projects/monsiteweb-local  Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master) \$ git status On branch master Your branch is up to date with 'origin/master'.  Untracked files:   (use "git add &lt;file&gt;..." to include in what will be committed)   404.html   css/   font/   index.html   js/  nothing added to commit but untracked files present (use "git add" to track)  Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master) \$ git add -A &amp; git commit -am "cp a website"</pre></div></div>

Vérification



VUE EN DETAIL DE L'ETAPE VII – FETCH AND PULL

ITEM	DESCRIPTION
Constatation après modification	<div><div><div>1 (11 sloc)   4.00 KB</div><div>idontype.html</div><div>html (class="no-js" lang="")</div><div>&lt;head&gt;</div><div>meta charset="utf-8"&gt;</div><div>meta http-equiv="X-UA-Compatible" content="ie=edge"&gt;</div><div>meta name="description" content=""&gt;</div><div>meta name="viewport" content="width=device-width, initial-scale=1"&gt;</div><div>&lt;link rel="stylesheet" href="css/bootstrap.min.css"&gt;</div></div><div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$ code README.md</div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$ git commit -am "constater"</div><div>[master 3c59b08] constater</div><div>1 file changed, 2 insertions(+)</div><div>create mode 100644 README.md</div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$</div></div></div>
Git status	<div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$ git fetch</div><div>remote: Enumerating objects: 5, done.</div><div>remote: Counting objects: 100% (5/5), done.</div><div>remote: Compressing objects: 100% (3/3), done.</div><div>remote: Total 3 (delta 2), reused 0 (delta 0), pack-reused 0</div><div>Unpacking objects: 100% (3/3), done.</div><div>From https://github.com/abdellmum/monsiteweb</div><div>8704edd..b29b12e master -&gt; origin/master</div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$ git status</div><div>On branch master</div><div>Your branch and 'origin/master' have diverged,</div><div>and have 1 and 1 different commits each, respectively.</div><div>(use "git pull" to merge the remote branch into yours)</div><div></div><div>nothing to commit, working tree clean</div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$</div></div>
Explication	Après avoir statué, une divergence s'est créé entre deux commits
Vérification des commits après avoir pull - push	<div><div>Branch: master   monsiteweb</div><div>abdellmum constater</div><div>1 contributor</div><div>2 lines (2 sloc)   15 Bytes</div><div>read this nice</div></div> <div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$ git pull</div><div>Merge made by the 'recursive' strategy.</div><div>index.html   2 +</div><div>1 file changed, 1 insertion(+), 1 deletion(-)</div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$ git push</div><div>Enumerating objects: 7, done.</div><div>Counting objects: 100% (7/7), done.</div><div>Delta compression using up to 8 threads</div><div>Compressing objects: 100% (4/4), done.</div><div>Writing objects: 100% (5/5), 580 bytes   580.00 KiB/s, done.</div><div>Total 5 (delta 2), reused 0 (delta 0)</div><div>remote: Resolving deltas: 100% (2/2), completed with 1 local object.</div><div>To https://github.com/abdellmum/monsiteweb.git</div><div>b29b12e..4f24215 master -&gt; master</div><div>Youcode@KIM MINGW64 ~/Desktop/projects/monsiteweb-local (master)</div><div>\$</div></div>